| | Application No. | Annlianut(a) |
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| | Application No. | Applicant(s) |
| Notice of Allowability | 10/720,415 | KIM, HYUNG JUN |
| | Examiner | Art Unit |
| | Sylvia R MacArthur | 1763 |
| The MAILING DATE of this communication appeal All claims being allowable, PROSECUTION ON THE MERITS IS herewith (or previously mailed), a Notice of Allowance (PTOL-85) NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIOF of the Office or upon petition by the applicant. See 37 CFR 1.313 | (OR REMAINS) CLOSED in this or other appropriate communications. This application is subject and MPEP 1308. | s application. If not included ation will be mailed in due course. THIS |
| 1. This communication is responsive to <u>the application sent</u> | <u>11/24/2003</u> . | |
| 2. The allowed claim(s) is/are <u>1-9</u> . | | |
| 3. The drawings filed on <u>24 November 2003</u> are accepted by | the Examiner. | |
| 4. Acknowledgment is made of a claim for foreign priority unanaly All b) Some* c) None of the: Certified copies of the priority documents have Certified copies of the priority documents have Copies of the certified copies of the priority documents have International Bureau (PCT Rule 17.2(a)). * Certified copies not received: | e been received. e been received in Application No cuments have been received in t | o this national stage application from the |
| Applicant has THREE MONTHS FROM THE "MAILING DATE" noted below. Failure to timely comply will result in ABANDONM THIS THREE-MONTH PERIOD IS NOT EXTENDABLE. | of this communication to file a re IENT of this application. | ply complying with the requirements |
| A SUBSTITUTE OATH OR DECLARATION must be submit INFORMAL PATENT APPLICATION (PTO-152) which give | itted. Note the attached EXAMINes reason(s) why the oath or dec | IER'S AMENDMENT or NOTICE OF claration is deficient. |
| 6. CORRECTED DRAWINGS (as "replacement sheets") mus (a) including changes required by the Notice of Draftspers 1) hereto or 2) to Paper No./Mail Date (b) including changes required by the attached Examiner's Paper No./Mail Date Identifying indicia such as the application number (see 37 CFR 1. each sheet. Replacement sheet(s) should be labeled as such in the state of the property of | on's Patent Drawing Review (Post. S Amendment / Comment or in the drawn on the dr | he Office action of |
| DEPOSIT OF and/or INFORMATION about the depose attached Examiner's comment regarding REQUIREMENT F | | |
| Attachment(s) 1. ☑ Notice of References Cited (PTO-892) 2. ☐ Notice of Draftperson's Patent Drawing Review (PTO-948) 3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/06 Paper No./Mail Date 4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material | 6. ☐ Interview Summ Paper No./Mail 8), 7. ☐ Examiner's Ame | Date |
| | | |

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REASONS FOR ALLOWANCE

1. Claims 1-9 have allowed.

2. The following is an examiner's statement of reasons for allowance:

Goetz teaches a CMP apparatus with platen pieces (web with a number of rigid segments). Goetz fails to teach a circular rotary table and a plurality of support poles that can be controlled in height and moved horizontally by sliding.

Likewise Bruxvoort teaches an abrasive article for CMP with platen pieces. Yet Bruxvoort fails to teach a circular rotary table and a plurality of support poles that can be controlled in height and moved horizontally by sliding.

The prior art of record does not teach or fairly suggest a chemical mechanical polishing apparatus comprises a plurality of support poles that can be controlled in height and moved horizontally by sliding.

Finally, Tintelnot teaches a flexible open-pore body wherein a scrubbing tool contains a plurality of abrasive pieces. It also fails to teach a circular rotary table and a plurality of support poles that can be controlled in height and moved horizontally by sliding.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

3. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Sylvia R MacArthur whose telephone number is 571-272-1438. The examiner can normally be reached on M-F during the core hours of 8 a.m. and 2 p.m.

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If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Gregory L. Mills can be reached on 571-272-1439. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Sylvia R MacArthur Patent Examiner Art Unit 1763

August 23, 2004

P. Hassanzadel primary Examiner AU 1763